

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claim 1. (Cancelled) A titanium dioxide pigment comprising an anatase type crystal in an amount of 98-100% and said pigment being particles having an average particle diameter in the range of 0.2-0.4  $\mu\text{m}$  and a whiteness in the range of 95-97 in terms of L value of linseed oil.

Claim 2. (Cancelled) A titanium dioxide pigment according to claim 1 which contains 50-100% by weight of particles having a particle diameter in the range of 0.2-0.4  $\mu\text{m}$ .

Claim 3. (Cancelled) A titanium dioxide pigment according to claim 1 which contains sulfate group wherein the content of the sulfate group is not more than 0.1% by weight calculated as  $\text{SO}_4$ .

Claim 4. (Cancelled) A titanium dioxide pigment according to claim 1, wherein the surface of said particles is coated with at least one compound selected from an inorganic compound and an organic compound.

Claim 5. (Cancelled) A titanium dioxide pigment according to claim 4, wherein the inorganic compound is at least one compound selected from aluminum compound, silicon compound, zirconium compound, tin compound, titanium compound and

antimony compound.

Claim 6. (Cancelled) A titanium dioxide pigment according to claim 5, wherein the inorganic compound is at least one compound selected from oxide, hydrated oxide, hydroxide and phosphate salt.

Claim 7. (Cancelled) A titanium dioxide pigment according to claim 6, wherein the coating amount of each inorganic compound is in the range of 0.05-15% by weight.

Claim 8. (Cancelled) A titanium dioxide pigment according to claim 4, wherein the organic compound is at least one compound selected from polyhydric alcohol, alkanolamine or derivative thereof, organosilicon compound, and higher fatty acid or metal salt thereof.

Claim 9. (Cancelled) A titanium dioxide pigment according to claim 8, wherein the total coating amount of the organic compound is in the range of 0.01-5% by weight.

Claim 10. (Currently Amended) A method for producing an anatase type titanium dioxide pigment comprising,  
a single calcining step, wherein particles of a hydrous titanium oxide are calcined introduced into a single calcination zone having a temperature of not lower than 800°C and lower than 1000°C in the presence of calcination treating agents ~~by heating at a temperature of not lower than 800°C and lower than 1000°C~~, said calcination treating agents including an aluminum compound corresponding to 0.02-0.2% by weight calculated as  $\text{Al}_2\text{O}_3$ , a potassium compound corresponding to 0.2-1% by weight

calculated as  $K_2O$  and a phosphoric acid compound corresponding to 0.02-0.5% by weight calculated as  $P_2O_5$  based on the weight of  $TiO_2$  in the hydrous titanium oxide, the ratio  $K_2O/P_2O_5$  being in the range of 1.5/1-10/1.

Claim 11. (Original) A method for producing a titanium dioxide pigment according to claim 10, wherein the hydrous titanium oxide has a particle diameter of 0.001-0.01  $\mu m$ .

Claim 12. (Cancelled) A resin composition comprising a titanium dioxide pigment and a resin component wherein the titanium dioxide pigment contains an anatase type crystal in an amount of 98-100%, has an average particle diameter in the range of 0.2-0.4  $\mu m$  and has a whiteness in the range of 95-97 in terms of L value of linseed oil.

Claim 13. (Cancelled) A resin composition according to claim 12, wherein the titanium dioxide pigment contains 50-100% by weight of particles having a particle diameter in the range of 0.2-0.4  $\mu m$ .

Claim 14. (Cancelled) A resin composition according to claim 12, wherein the resin component is a paint resin, an ink resin or a plastic resin.

Claim 15. (Cancelled) A resin composition according to claim 12 which contains the titanium dioxide pigment in an amount of 0.5-10 parts by weight based on 1 part by weight of the paint resin component.

Claim 16. (Cancelled) A resin composition according to claim 12 which contains the titanium dioxide pigment in an amount of 0.5-10 parts by weight based on 1 part by weight of the ink resin component.

Claim 17. (Cancelled) A resin composition according to claim 12 which contains the titanium dioxide pigment in an amount of 0.05-2 parts by weight based on 1 part by weight of the plastic resin component.